IEC 62873-3-3

Edition 2.0 2022-11

INTERNATIONAL STANDARD

Residual current operated circuit-breakers for household and similar use – Part 3-3: Specific requirements for devices with screw-type terminals for external untreated aluminium conductors and with aluminium screw-type terminals for use with copper or with aluminium conductors

IEC 62873-3-3:2022-11(en)

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FOREWORD

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IEC 62873-3-3 has been prepared by subcommittee 23E: Circuit breakers and similar equipment for household use, of IEC technical committee 23: Electrical accessories. It is an International Standard.

This second edition cancels and replaces the first edition published in 2016. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Modification of scope to address other devices in addition to RCDs;
b) Modification of Clause 8 so that IEC 62873-3-3 can be referred to by other product standards in addition to those for RCDs;

c) Modification of 9.1 so that IEC 62873-3-3 can be referred to by other product standards in addition to those for RCDs.

The text of this International Standard is based on the following documents:

Draft	Report on voting
23E/1274/FDIS	23E/1306/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

A list of all parts of the IEC 62873 series published under the general title *Residual current operated circuit-breakers for household and similar use* can be found on the IEC website.

The following differing practices of a less permanent nature exist in the countries indicated below:

– NOTE 2 of Clause 1: the use of aluminium screw-type terminals for use with copper conductors is not allowed (Austria, Australia and Germany);

– NOTE 2 of Clause 1: terminals for aluminium conductors only are not allowed (Austria and Germany);

– NOTE 2 of Clause 1: the use of aluminium conductors is not allowed for final circuits in household and similar installations e.g. offices, shops (Spain);

– NOTE 2 of Clause 1: the minimum cross-sectional area for aluminium conductors is 16 mm^2 (Denmark).

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

This document is part of the IEC 62873 series described in the outline document IEC 62873-1.